

Nest and eggs of Crested Turacao

Eggs 2, about to hatch. Color immaculate pale blue. Size; 42×34 ; 43×33 . Nest a mere lattice of sticks near the end of a horizontal bough of a large thorn-tree; nest about 35 feet above the ground. When the female was seen sitting it was hard to see any nest, at all, the structure being so slight. Female collected shot as she flew from nest, April 18, 1912; Gato River near Gardula, Abyssinia. Broken shells preserved. One of the young emerged spontaneously. Both perched & were alive & healthy. Preserved in alcohol. Bodies fully feathered; feathers wiry like young Cuckoos.

Lydford, Forester, Kenya. Photographer Nairobi

Centropus superciliosus. - A nest brought me by a native boy, at Gato River, 15 miles south of Lake Abaya, April 28, 1912, contained 3 young. The nest is a slovenly structure compounded of a messy mixture of coarse grasses, green and dry leaves, small sticks, and a good deal of dirt mixed with rubbish from the ground. 2 young skinned, 1 in alcohol.

May 17, 1912. - Gato Camp to near Buso Village

May 18, 1912. - To Kormali Village.

Baray
Barcoba
Malata

21	22
—	—
50	20
20	100
—	—
—	—
—	—
20	500
25	25
—	—
—	—
25	6
—	—
—	—
50	50
—	—
—	—
—	—
—	—
—	—

Name	March 1912	23	13	15	17	18	19	20	21	23
<i>Francolinus</i> , large red bill	✓	30	4	—	—	—	—	—	—	—
<i>Francolinus grantii</i>	✓	—	—	—	6	20	10	20	75	—
<i>Pternistes</i> , spurfowl.	✓	—	—	2	10	50	75	100	100	—
<i>Pterocles</i>	✓	—	—	—	—	20	6	—	—	—
<i>Vinago</i>	✓	10	—	—	—	—	—	—	—	—
<i>Columba</i> white on wings	✓	50	—	—	—	—	—	—	—	—
<i>Turtur</i> ^{spotted} <i>lugens</i>	✓	—	40	500	30	—	—	—	—	—
<i>Streptopelia</i> , large	✓	100	—	—	—	—	—	—	—	—
"", small, pale	✓	50	50	100	50	50	100	40	100	—
<i>St.</i> <i>capensis</i>	✓	6	20	100	500	500	100	100	150	—
<i>Oenanthe</i> <i>capensis</i>	✓	—	—	10	10	10	4	—	10	—
<i>Oenanthe</i> <i>capensis</i>	✓	—	4	25	50	100	100	10	50	—
<i>Streptopelia</i> , wh-breasted wood pigeon	✓	12	4	—	—	—	—	—	—	—
<i>Chalcophaps</i> <i>afra</i>	✓	10	20	30	40	50	50	10	100	—
Brown Rail, large.	✓	1	—	—	—	—	—	—	—	—
<i>Olivinellus</i> <i>sericigallus</i> ^{yellow wattle and spur}	✓	—	—	—	4	12	6	20	40	—
<i>Hoplopterus</i> <i>spinosus</i> ^{dark belly}	✓	—	—	—	20	40	12	50	40	—
<i>Stephanibyx</i> <i>coronata</i> ^{no wattle}	✓	—	—	—	4	12	2	—	—	—
<i>Oxyechus</i> <i>tricolor</i> ^{no spur}	✓	—	—	—	—	2	—	—	—	—
<i>Himantopus</i> <i>himantopus</i>	✓	—	—	—	1	—	—	—	—	—
<i>Helodromus</i> <i>ochropus</i>	✓	—	—	2	30	2	4	—	10	—
<i>Actitis</i> <i>hypoleucos</i>	✓	1	2	2	10	4	1	10	20	—
<i>Rhyacophilus</i> <i>glareola</i>	✓	—	—	2	20	4	1	—	10	—
<i>Gallinago</i> , pale bell	✓	—	—	—	2	—	—	—	—	—

[illegible]

		7 13	13 15	15 17	18	19	20	21	23	26	26 29	29 Mar 17	Mar 17	18	19	19 June 3	3	6	6	7	7 12	12	12 14	14	15	15 17	17	18	19	20	21	22	23	24
<i>Actophilus africanus</i>	✓	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Oedionemus</i> (see specimen)	✓	-	-	-	4	8	6	2	4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Bustard, ♂ black breast	✓	-	-	2	4	4	2	4	-	-	-	-	-	50	-	-	-	2	-	-	-	-	-	-	-	-	4	2	4	4	10	10	4	6
Greater " 2 <i>Merops rubicundus</i> riding	✓	-	-	2	-	-	-	3	12	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	2	-	-	-	-	-	-
<i>Ibis aethiopica</i> Sacred Ibis	✓	-	-	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Hagadashia hagdash</i>	✓	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ibis</i> , white-shouldered	✓	100	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pseudotantalus ibis</i>	✓	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Disoura episcopus</i>	✓	2	12	-	-	-	-	-	2	-	10	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
<i>Leptoptilus crumeniferus</i>	✓	-	-	2	20	5	6	10	50	10	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	10	-	25	-	-	10	-
<i>Scopus umbretta</i>	✓	-	-	2	15	1	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pyrrherodias purpurea</i>	✓	-	-	-	2	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Ardea melanocephala</i>	✓	-	-	4	1	4	3	10	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Harodias alba</i>	✓	-	-	10	1	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Gazetta gazetta</i>	✓	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Bubulcus lucidus</i>	✓	-	-	40	80	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Alopochen aegyptiaca</i>	✓	-	-	2	40	12	4	-	20	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	-	-	-	-	-
<i>Nethion</i> , Br-winged Teal	✓	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Phalacrocorax</i> , large	✓	-	-	2	1	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" <i>africanus</i> (smaller)	✓	-	-	4	10	10	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Anhinga rufa</i>	✓	-	-	2	4	2	40	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pelecanus rufescens</i>	✓	-	-	1	-	-	1	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pseudogyps africanus</i> white-backed vulture	✓	30	30	4	20	20	4	2	20	4	-	-	100	50	4	10	4	10	4	25	25	20	20	20	30	20	50	20	20	50	50	25	50	50

[illegible]

		7	13	15	18	19	20	21	24	26	29	17	17	18	19	19	3	6	7	12	12	12	14	14	15	17	17	18	19	20	21	22	23	24	25
		7	13	15	18	19	20	21	24	26	29	17	17	18	19	19	3	6	7	12	12	12	14	14	15	17	17	18	19	20	21	22	23	24	25
7	Isidina picta	✓	-	-	-	1	-	-	-	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Bucorax Ground Hornbill	✓	-	-	-	1	-	-	-	-	10	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Lophoceros, sp.	✓	-	-	-	2	4	1	10	20	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
7	Whip-poor-stick	✓	-	2	4	2	2	4	-	2	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Travis, large	✓	-	-	-	2	-	-	-	2	-	100	4	-	4	30	-	20	4	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-
7	Melittophagus, large	✓	-	-	-	10	2	2	-	2	-	20	-	-	-	1	-	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
7	" small	✓	-	4	10	10	10	10	30	4	4	50	5	4	4	-	4	50	25	25	50	10	10	10	10	20	40	40	25	20	25	30	4	12	2
7	Merops rubicus	✓	-	-	-	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Swift, large, white-breasted	✓	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-
7	Swift, very large (not aquatilis)	✓	10	4	6	2	2	2	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Swift, small	✓	10	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-
7	Colinus, large, no blue	✓	4	4	14	10	4	10	50	50	50	100	50	50	?	-	10	20	-	-	-	-	4	6	10	10	20	4	25	20	10	-	-	-	-
7	" smaller, blue rump	✓	-	-	-	10	-	-	10	10	50	50	10	10	20	25	10	30	30	10	10	20	30	40	20	50	50	10	10	20	4	-	-	-	-
7	Trogon, see specimen	✓	2	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Tyracis, red-winged	✓	12	2	-	-	-	-	-	-	10	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Common Crested Tanager	✓	-	-	2	10	10	10	10	50	20	30	20	10	25	-	10	50	100	20	30	25	4	14	20	30	20	30	30	25	50	20	10	-	-
7	"Whip-me-Too" Cuckoo (spec.)	✓	100	10	10	4	-	-	-	-	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Centropus monachus	✓	2	-	-	2	4	6	10	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Centropus superciliosus	✓	4	2	2	4	12	12	20	20	10	10	4	-	10	10	10	50	20	10	10	-	10	20	20	10	10	10	10	4	4	-	-	-	-
7	Indicator, yellow patch on wing	✓	-	-	-	-	-	1	1	1	20	-	-	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Indicator, smaller	✓	-	-	2	2	-	-	-	-	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Barbatula, small yellow on head	✓	20	20	20	20	20	20	10	25	10	50	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Barbet, red-headed (specimen)	✓	-	-	6	2	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	2/13	3/13	4/13	18	19	20	21/23	24/26	26/29	29/17	17	18	19/19	3/3	6	7	7/12	12	12/14	14	15	15/17	17	18	19	20	21	22	23	24	
Woodpecker, large, golden-wing Spec.	4	2	4	4	4	4	2	10	2	200	10	10	10	10	2	20	10	6	4	2	6	8	8	14	10	4	4	2	2	-	-
" small "	✓	-	-	2	2	2	2	4	2	200	6	-	-	10	2	10	2	6	4	2	6	8	6	4	4	8	4	2	2	1	-
" " montani spec.	✓	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
" larger, red-breasted	✓	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2?	-	-	-	-	-	
Common Wrenneck	✓	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chivicola riparia (specimen)	✓	-	500	200	-	500	50	-	1000	100	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hirundo rustica	✓	50	50	50	50	50	50	50	10	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
? Dioptrornis fischeri	✓	-	-	20	20	20	20	-	20	2	12	-	2	4	200	10	-	10	25	50	10	6	6	6	2	2	-	17	-	-	-
Bradyornis	✓	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Flycatcher, small, brownish below. Spec.	✓	50	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Batis, red eye-lap. (spec.)	✓	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
" common "	✓	-	-	4	4	4	4	-	10	6	50	4	2	4	50	2	4	2	4	10	2	4	4	2	2	-	-	-	-	-	-
Flycatcher, black, long tail "	✓	-	-	10	4	2	-	-	4	2	50	25	4	25	50	20	50	10	6	25	2	-	-	-	-	-	-	-	-	-	-
Gaucalus	✓	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Campophaga, shoulder scarlet	✓	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	-	-	-	-	-	-	-	-	
" " yellow white u. t. coverts	✓	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pycnonotus (specimens)	✓	100	60	50	50	50	50	20	-	1250	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Argyra (color of P. alb. aberti)	✓	-	-	-	4	2	10	20	50	50	50	100	100	50	100	50	100	50	100	20	25	50	20	20	20	25	20	10	30	20	10
Brown, blk + wh, long-tail, Spec.	✓	10	2	6	-	-	-	-	-	-	-	25	50	100	4	20	10	10	20	2	2	4	10	-	-	4	10	-	-	-	-
Stouter, drab + pale rufous (Sp.)	✓	10	10	10	10	-	-	-	-	?	?	-	?	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crateropus, whitish rump	✓	25	6	6	6	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merula mt. sp. (specimens) Robin	✓	100	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merula, pale breast	✓	-	-	-	-	-	1	-	10	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

[illegible]

[illegible]

[illegible]

Speaking Weaver, white rump, small
 " " dull rump, larger
 Merops, small green
 Rufous-tailed, striped chested Thrush-like
 Francolinus grantii
 Ostrerotes (Spurrow)
 Numida ptilorhynchos
 Vulturine Guinea-fowl
 Streptopelia semitorquata
 " damarsensis
 Stigmatopelia
 Oena capensis
 Chalcophaps indica
 Stephanibyx coronata
 Ostrich
 Crow (Corvus edithiae?)
 Uropygia africana
 Pyrrhuloxia curvirostris black throat
 common from Gato to Yebo
 Shrike, chestnut-sided, see skins
 Pyrrhuloxia, dark above, pale sides
 ? Passer, black throat, small yellowish
 Pratincola, swallow-tailed, see skins

Yebo	1972	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	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	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Pterocles, ♂ one black chest band	3	100	200	1000	1000	500	1000	25	12	500	1000	50	50	10	20	20	10	4
Caprimulgus, much white shows in flight	2	2	10	2	—	—	—	—	—	6	—	2	—	—	—	2	6	4
Starling, wattled, pink rump	1000	50	10	—	50	—	—	—	—	40	—	50	100	50	—	10	50	200
Tex. tow (y.g. specimen)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50	200	—
Sil. a-bell (Weaver)	25	100	200	20	50	10	—	4	2	—	—	10	50	10	50	50	—	—
Shrike, stout, gray back ^{first at Lusk}	10	10	10	4	4	2	4	2	2	—	—	—	2	—	—	4	10	6
Kriegsfeld's ^{commonest species} blue posteriorly, stretched	10	10	10	10	10	10	10	4	2	—	—	—	4	—	—	—	20	20
P. ...	—	—	—	—	—	—	—	—	—	6	2	—	25	—	10	—	—	—
... ..	10	20	10	—	—	100	—	—	—	—	—	—	—	—	—	—	—	—
Alophos in aegyptiacus	2	6	—	—	1000	50	—	—	—	—	—	—	—	—	—	10	—	—
P. ...	25	25	25	25	300	25	25	10	10	50	100	50	100	100	100	100	10	30
Halcyon semicirculans	1	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	2	6
Saddle-billed Stork	—	—	—	—	—	—	—	—	—	100	—	1	—	—	—	—	—	—
Ibis stork Pandotantalus ibis	—	—	—	—	—	—	—	—	—	1000	—	1	—	—	—	—	—	—
White Spoonbill	—	—	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—
Great White Egret	—	—	—	—	—	—	—	—	—	500	—	25	4	—	—	—	—	—
Little Egret	—	—	—	—	—	—	—	—	—	100	—	—	—	—	4	—	—	1
Small Crane	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Cormorant, large, white-breasted	—	—	—	—	—	—	—	—	—	1000	—	200	4	—	—	—	—	—
" " small, dark	—	—	—	—	—	—	—	—	—	1000	—	200	4	—	—	—	—	—
Dendrocygna white-faced	—	—	—	—	—	—	—	—	—	1000	—	—	—	—	—	—	—	—
Pelican, rose-white	—	—	—	—	—	—	—	—	—	1000	—	6	4	—	—	—	—	—

[illegible]

Falco ^{not in} large, pale (Kestrel?)
Prinia, cinnamon-crown, blk tail
Melospiza (Spec. July 13)
Chalcophaps (red chest, metallic shoulder)
Corvinus (Spec. July 12, 13)
Empidonax, orange chested, blk cheek
Lesser Bunting, black-chested
Greater Bunting
Luscin
Hyphantornis, Nile sp.
Cutthroat Weaver
Bubo, small
Barn Owl, pale species
Small Goshawk
Barbet, long-billed
Tringoid or warbler, reformed tail
Titmouse, pale spot on nape
Lark? large, striped chest, on trees
Swallow, brown
Scaly-fronted Weaver
Shrike, sulphured, nearly black
Orange-Shrike

P. Rudolphi SE		10m. SE to		35m. SE to		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		To Senemaria Mt.		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[illegible]

[illegible]

[illegible]

[illegible]

Schistocerca cristata (white-backed) ✓
Lutheria leucos ✓
Tyrus uictoria (white-breasted dove) ✓
Cophoceros occipitalis ✓
Karbatula? loud note ✓
Cisticola, rufous + striped head ^{longer SK} ✓
 Bell Shrike ✓
 Green + yellow Sunbird (SK) ✓
Pyroneclara xanthometana ✓
Estrilda, red on wings ✓
 Starling, beautiful white-bellied ✓
 Red-billed Ox-pecker ✓
 Waterhen. ✓
 Black Rail, red leg ✓
 Rail, small spotted wings ✓
 Large, long-tailed Weaver (dialect?) ✓
 Blue & White Swallow ✓
 Blue Swallow, white breast ✓
 " " , striped breast, red ✓
 Yellow ✓
 Flycatcher, greyish, rufous back ✓
 Hornbill, large, brown above ✓
Oryzopsis

[illegible]

[illegible]

[illegible]

	23 26	26	27	28	29	30	31	1	2	3	4	12
Shrike, large, long tail, white on basal half	6	6	—	—	20	—	20	10	—	—	—	—
Red Weaver, red bill, large	4	—	—	—	—	—	—	—	—	—	—	—
Weaver or Finch, black head + yellow below	2	—	—	—	—	—	—	—	—	—	—	—
Campephaga, ♂ all black	—	4	10	10	10	2	3	—	—	—	—	—
Eagle, black, crested (<i>L. occipitalis</i>)	2	2	4	4	6	4	—	—	—	—	—	4
Bobcat, pointed black throat	2	2	2	—	—	4	2	—	—	—	—	—
Vulture, <i>Necorcytes monachus</i>	—	50	50	50	50	10	25	20	4	—	—	—
Linnet bird, narrow black moustache	—	—	4	10	10	1	20	—	—	—	—	—
Bulbul, olive above, yellow below	2	—	1	—	—	—	—	—	—	—	—	20
Black Rail, red legs	—	—	1	2	—	—	2	2	—	—	—	—
Lagonosticta	100	25	50	10	20	1	4	—	—	—	—	5, and 200
Mirafra, cinnamon below	20	10	10	—	2	1	—	—	—	—	—	—
Shrike, chestnut-sided, small	20	4	2	2	4	2	2	—	—	—	—	—
Crateropus leucoborus? orange iris	15	—	6	—	—	—	—	—	—	—	—	—
Crateropus superciliosus	—	—	15	10	20	10	10	4	2	2	—	—
Hornbill, large, loud whining cry	—	—	3	—	—	—	—	—	—	—	—	—
Kingfisher, buffy below (2 skins)	6	—	2	—	—	—	—	—	—	—	—	—
Secretary Bird	—	—	1	—	—	—	2	4	—	—	—	—
Wood Hoopoe, straight black bill	—	—	4	10	—	—	—	—	—	—	—	—
Blue Swallow, white immaculate below	2	3	4	4	—	—	4	—	—	—	—	—
Pseudoceryle americana	—	—	10	10	25	—	20	10	—	—	—	4
Pharaoh's Chicken, <i>Neophron percnopterus</i>	—	—	—	1	—	—	—	—	—	—	—	—

	Pellio Mungwa Hill & Plateau	Dried at the River on x D. on S. side, D. on S. side,	From Indian Store S. to Dono S. side to the other side over Musa River near by Athi River	To Athi Station by Railway	Athi River U. Railway	Nairobi	Carrage ment 7396 feet
	August 28	29	30	31	1	3	4
Lapwing Weaver, larger, dull plum	✓	50 50	—	—	50	—	—
Francolinus Kochi?	✓	feathers ?	—	—	—	—	—
Crateropus ^{dry white} ^{White-bellied} 7-sisters	✓	15 50	4	—	—	—	—
St. phainyx (coronata?) not coronata (skin)	✓	4 10 ^{skin}	—	20	50	4	—
Barbet, long-tailed, large	✓	10 10 ^{nest}	4	10	—	—	—
Emin's Buzzard Eagle	✓	— 2 ^{chika}	—	—	—	—	—
Bradyornis fischeri	✓	6 4 ^{ath}	—	20	20	—	—
Slender bird, nearly as large as Centropus, drab-grey	✓	— 1	—	—	—	—	—
Woodpecker, smaller, golden-winged species	✓	—	4	10	4	—	—
Coracias	✓	—	4	4	4	—	—
Centropus superciliosus	✓	—	2 ^{ath}	10	4	2	2
Batis	✓	—	2	10	2	—	—
Leisticola, rufous crown, small	✓	—	25	200	100	—	—
Urogynthus, Red-eared Waxbill	✓	—	50	20	—	—	—
Barbatula, small (skins in Room with collection)	✓	—	1 ^{Musa}	2	—	—	—
Large black + yellow Bishop-bird	✓	20 20	20	50	50	10	20 500
St. phainyx coronata	✓	— —	2	50	50	6	— —
Francolinus schmetti	✓	— —	—	15	—	—	— 50
Bushwack, small	✓	— —	—	2	—	—	— 13
Otocorpes, large species	✓	— —	—	25	200	100	50 —
Icthyophaga (rufous tail)	✓	— —	—	4	—	—	— —
Micraptes, large, rufous wings (skin)	✓	— —	—	50	50	40	— —

	Indian Store to Pupa P. to a stream near the Ochi River Lochi Glen Railway Ochi River to Railway	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Cisticola, small, mottled, short tail	✓	10	20	200	—	—	—
Coccyzoides rudis	✓	2	4	4	—	—	—
Butorides atricapilla	✓	1	2	2	—	—	—
Phalaacrocorax, small	✓	—	1	1	—	—	—
Ostrich	✓?	—	20	2	—	—	—
Walterhen	✓	—	1	—	—	—	—
Small Black Rail, red bill + legs	✓	1	2	2	—	—	—
Great Bustard (Simpson's)	✓	1	2	2	—	—	—
Black-shouldered Kite	✓	—	4	5	—	—	—
Kestrel	✓	—	—	1	1	—	—
White Heron, dark on closing its wings	✓	2	2	—	—	—	—
Lanius sharpei	✓	1	2	—	—	—	—
Scoptes umbellata	✓	1	2	—	—	—	—
Lissonota episcopalis	✓	—	1	—	—	—	—
Hogadaskia	✓	1	2	2	—	—	—
Oedipodites vinniculatus	✓	2	4	2	—	—	—
Nanus	✓	2	5	2	—	—	2
Orange-breasted Ibis-like	✓	4	6	—	—	—	—
Gymnophila tympanistrum	✓	—	—	—	—	—	—
Pisobia minuta	✓	—	—	—	—	—	—
Poicilphalus massarens	✓	—	—	—	—	—	—
Irisor jacksoni	✓	—	—	—	—	—	—

		Indian Store to the at the River	to the at the River	to the at the River	to the at the River	to the at the River	to the at the River
		Aug 38	Aug 38	Sept 1	1	3	4
Colinus (skins)	✓						300
Tyraculus, red-winged	✓						200
Green Duck	✓						1
Parbat, red head + eye; belly yellow; back	✓						2
Woodpecker, green, finely cross-banded below	✓						1
Swallow, all black	✓						200
Brady-zenis (skins)	✓						20
Gray-breast, gray head, yel. breast, green	✓						10
Cryptolopha	✓						10
Helianthus	✓						20
Bulbul, gray head, yellow belly, green back	✓						25
Bulbul, gray-green, yellow chin	✓						10
Bulbul, gray-green, pale yellow below	✓						15
Pyrenostictus laevis faysi	✓						
Merula elgonensis	✓						100
Cossypha (2 skins)	✓						10
Pratincola (skins)	✓						100
Myrmecocichla cryptoleuca	✓					20	
Euphonia or Burnesia (2 skins)	✓						10
Cisticola pinicola	✓						500
Shrike, black + white, chestnut side	✓						100
Bell Shrike	✓						50

Examination
7390 feet

4
12

[Nectarinia] <i>calimensis</i> <i>caus</i>		200
<i>Nectarinia splendens?</i>	"	100
<i>Drepanorhynchus reichenowi</i>	"	100
<i>Cinnyris mediodors</i>	"	500
<i>Zosterops, brown crown</i>	" ✓	100
<i>Finch, greenish (skin?)</i>	"	1
<i>Serinus, striped below</i>	"	1000
<i>Penthelus ardens</i>	" ✓	500
<i>Drepanoplectes jacksoni</i>	" ✓	100
Weaver, black line thru eye	"	20
<i>Ticurus</i>	— ✓	2
Starling, chestnut wing-feather	" ✓	100

The Maribou Stork when swimming high has
the neck retracted like a heron (Aug. 23) 35

Batis has a nasal honk note resembling Sitta ^{males} (Aug. 25)

Two Black-bellied Prinias, immature ^{males} differ
from an adult male killed at same time (same
flock) in having the eye-wattles brownish instead
of bright red, and the bill with dusky markings,
and the feet lighter red. I did not note the color
of the iris before skinning.

Pternestes, - flock (♂ + ♀ shot) found on top of a high
rocky hill (full of Dassies), at Big Bend, Llano R.

Pseudogyps

There are 7 fresh specimens before me.
(See table of weights + measurements, p. 39.)
From the resemblance in size and form I
am satisfied that these 7 are conspecific.
The neck is long and slender, the skull
narrow; nostril vertical, or parallel to side
of base of culmen. Skin of
head + neck is slaty black, like the bill
& cere, head sparsely covered with fine
hairs, thickest on top of head, color dirty white
; neck more or less covered with tufts
of ^{whisker} down, quite heavy on the nape; chest
patch furry, sooty brown. Feet + claws slaty
black. Iris, in all seven, very dark brown.
Nos. 4, 5, + 7 have white rumps + backs, 4 + 5
have this white faintly tinged with clay color,
perhaps dirty. Nos. 1, 2, 3, and 6 represent
a different plumage, dark below, under
wing-coverts dark, rump + back dark,
neck ruff darker, with feathers narrower and
centrally streaked with whitish like the
sides + underparts. I suppose the white
backed birds to be adult, the dark
backed immature. Using "adult" to
indicate white-backed + "immature" to

to indicate dark-backed birds. I will describe
the plumage of the seven fresh birds, all
have the soft parts colored alike, except that
the long, nearly naked necks of adults are
practically all slaty black, while the young,
from head to ruff are mixed with large
areas of greenish flesh color, in one
specimen the slaty black only appearing as
occasional richish spots on the lower neck.
All have the entire head slaty black. The oldest
is No. 7 (skin preserved). The ^{upper side of wing} primaries, secondaries,
+ longest tertials are grayish black, as is the
bastard wing and outermost greater wing-coverts,
rest of upper side of wing, + upper back, emerald
the feathers bordered with pale buff. Back and
rump white, as is the long, ~~furry~~ furry
down covering the skin between the
feather-tracts. ^{grayish black above and below} ~~Shingles externally emerald-~~
^{internally coated with pure white down} ~~buff or clay color.~~ Crop patch dark brown.
An inconspicuous neck ruff, above only, is
whitish drab, not much whiter than
the upper back. Under side of body pale
drab, the feathers having slight indications
of a whitish shaft-streak; under wing-coverts
white, the greater ones broadly tipped on
subterminal ~~part~~ with grayish black; under tail-coverts
brownish black.

Nos. 4 (♂) and 5 (♀) differ only in having the under surface of body less uniform pale drab, the feathers showing distinct traces of whitish shaft-streaks; rumps slightly tinged with clay color. These birds are ^{probably} not quite so fully adult as No. 7. Adults when on wing show the white backs very clearly, or the white under wing coverts, according to position in the air. Immature birds of course appear all dark.

Immature (Nos. 1, 2, 3, and 6) differ from adults in lacking the white back & rump, and the white under wing-coverts. The upper wing coverts are dark brown, more or less bordered with drab. The under wing-coverts, outer aspect of thighs, back & rump are dark brown with broad, dirty-white shaft-streaks.

Heights and measurements of Vultures.

No	Sex + age.	Weight, pounds, Avoir.	Length the inches.	Alar expanse.	Wing, measured straight.	Tail.	Culmen (chord from cere).	Depth of bill.	Tarsus.	Middle toe, to end of digit.	No. of tail-feathers.
1	♂ im.	11.50	35.00	88.00	23.40	10.50	1.80	1.30	4.00	4.10	
2	♂ im.	12.00	34.50	87.50	23.75	10.40	1.80	1.30	3.75	4.30	
3	♂ im.	11.25	34.80	85.50	23.75	10.60	1.85	1.30	3.65	4.00	
4	♂ ad.	12.00	35.50	87.00	23.5	10.5	1.90	1.45	3.90	4.40	
5	♀ ad.	11.50	35.00	85.00	22.50	11.00	1.90	1.30	3.65	4.15	
6	♀ im.	13.00	35.75	84.22	23.75	11.25	1.75	1.25	3.35	4.20	
7	♀ ad.	13.40	34.5	87.0	23.5	10.0	1.80	1.20	3.40	4.25	
8	♀ ad.	9.50	27 ¹ / ₂	75 ¹ / ₂	21 ¹ / ₂	11 ¹ / ₂	2.00	1.45	4.60	3.55	<i>L. occipitalis</i> ?
9	♂ im?	4.90	28.00	71.00	21.00	10.00	1.40	.70	3.60	3.00	<i>N. monachus</i>
10	♀ ad.	9.50	33.00	89.50	24.50	11.50	2.00	1.45	4.60	3.55	

I send all of the above personally. E.A.M.

Bodessa, Abyssinia. May 28, 1892

Pseudogyps africanus.

"
"
"
"
"
"

See description, pp 37, 38.

iris hazel brown. Measurements smaller, ^{head} feet ^{down}. Plumage dark. Tarsus pale bluish gray. Head coated with white. *Lophogyps occipitalis*? Inner secondaries pure white.

Mammal register

7572. (Kangaroo style)
301. Mouse, soft-haired. ♂ ad. Bodessa, Abyssinia.
7573. 302. " " ♂ ad. "
7574. 303. " small, spiny. ♀ ad. do
7575. 304. Kangaroo Mouse ♀ ad. do
7576. 305. Elephant-Shrew ♂ ad. Sagon River, Abyssinia
vertebrae, 135; hind foot, 38; ear, crown, 22;
7577. 306. Xerus ♀ ad. Sagon River, Abyssinia
vertebrae, 205; hind foot with claw 57
7578. 307. Xerus ♂ ad. Sagon River, Abyssinia
vertebrae, 205; hind foot, with claw, 58
7579. 308. Xerus ♂ ad. Sagon River, Abyssinia
tail vertebrae, 233; hind foot, 57
7580. 309. Xerus ♂ im. Sagon River, Abyssinia
shot as No. 308, ♂ ad. sitting up
7581. 310. Xerus ♀ Sagon River, Abyssinia
7587. 311. Spiny mouse. ♀ ad. do
cinerous above, white below.
7588. 312. Kangaroo Mouse. Jerboa. ♂ ad. Sagon River
7589. 313. Mouse, soft-haired. ♂ im. Vertale
7590. 314. Spiny-haired mouse ♀ im. "
7591. 315. do ♀ "
7593. 316. Rat, soft-haired. ♂ "
7594. 317. Elephant Shrew ♀ ad. "
7595. 318. Mersat ♀ Wobok

Mammal register.

40

- May 25, 1912. Trapped in my tent. Large sp.
do do do
do do Small species
June 1, 1912.
" 4, " Iris brown. Head + body, 140; Tail
ear, notch at base, 26; tip of nose to eye, 32; to occiput, 50.
June 4, 1912. Iris brown. Head + body, 210; Tail
June 4, 1912. Iris brown, Head + body, 240; Tail
June 4, 1912. Iris brown, Head and body, 240;
June 4, 1912. Iris brown. Killed by the same
together like "Prairie Dogs." (Skull received at a later date)
June 4, 1912. Iris brown. Trapped near burrow.
" 5, " Skull only. Cooked in sun. Color
June 6, 1912. Iris brown. Trapped.
" 8, " Caught in a box of beads.
" 9, " "
" 10, " "
" 11, " "
" 11, " "
" 18, " 6 Run across dry wash together.

7596		Yeba (on maps)
319	Xerus	♀ ad. Ebo (C.F.) or Gibu (C.F.)
7597	"	♂ ad. do
320	"	♂ ad. do
7598	"	♂ ad. do
321	"	♀ ad. do
7599	"	♀ ad. do
322	"	♀ ad. do
7600	"	♀ ad. do
323	"	♀ ad. do
7601	"	♀ ad. Malata (same)
324	"	♂ ad. do
7602	Yellow + gray Bat.	♂ ad. do
325	in of Equis + 1 Hedgehog	7603, 7604, 7605, 7606
7607	Dassie	♀ ad. Lake Rudolf, S.E.
326	"	♀ ad. do
7608	"	♀ juv. do
327	"	♀ ad. 10 mi. S.E. of do
7609	"	♀ ad. do
328	"	♀ ad. do
7610	"	♀ ad. do
329	"	♀ ad. do
7611	"	♀ ad. do
330	"	♀ ad. do
7612	"	♀ ad. do
331	"	♂ ad. do
7613	"	♂ ad. do
332	"	♂ ad. do
7614	Bat, long-eared, gray + yellow.	♀ ad. Indumumara
333	Dassie	♂ ad. Water tanks do
7615	Number of	Dick-Dick from Turata
334	Hedgehog	Dessicated skin + bones except head
7616	Xerus	♀ ad. July 17, 1912
335	"	♀ ad. " 18, "
7617	Yerboa Mouse	♀ ad. " 19, "
336	"	♂ ad. " 19, "
7618	Spring Mouse	♀ ad. " 20, "
337	Tree Squirrel, small	♂ ad. " 20, "

Lief Gullaget. June 20, 1912.

30 miles south valley) June 21, 1912
do) June 22, 1912 Monumara 2 prs. ing.
do do

British East Africa. July 11, 1912

do do
do do
do do
do do
do do
do do

Mts. S. of L. Rudolf, B.E.A. July 14, 1912

do July 16, 1912

Abyssinia. June 11, 1912. ♂ ad.

Indumumara Mts., B.E.A. July 17, 1912 (not numbered)

do

do

Entoto Mt., B.E.A. Plain ^{near} base. Caught by "boy"

do

do

do

- 7623
342. Merkat ♀ ad. July 20, 1912
7624
343. Xerus ♂ ad. July 21, 1912
7625
344. Small Tree-Squirrel. ♀ ad. July 22, 1912
7626
345. do ♂ ad. do
7627
346. do ♂ ad. July 24, 1912
7628
347. Xerus ♂ ad. July 25, 1912
7629
348. Lepus ♂ ad. do
7630
349. Xerus ♂ ad. Aug. 1, 1912
7631
350. Lepus ♂ ad. Aug. 3, 1912
7632
351. " ♀ ad. Aug. 4, 1912
7633
352. Rat, long-eared, yellow & gray ♀ ad. Aug. 6, 1912
7635
353. Rat, coarse-haired ♂ ad. Aug. 7, 1912
7634
352a. Sciurus, small tree-squirrel. ♀ ad. Aug. 9, 1912
7636
354. Mound Gopher ♂ (juv.) Aug. 10, 1912
7637
355. Long-eared Bat, gray - ad. Aug. 16, 1912
7638
356. Cercopithecus Monkey ♂ ad. Aug. 9, 1912
7639
357. " ♂ im. do
7640
358. Xerus (white + dark lines on sides). ♂ ad. Aug. 19, 1912
7641
359. Long-eared Bat, gray. ♂ ad. } (Waters killed Aug. 21, 1912)
7642
360. do ♀ ad. shot
7643
361. do ♂ ad. do
7644
362. Lemur ♂ ad. Aug. 25, 1912
7645
363. " ♂ im. do
7646
364. Bat, long-eared, gray ♂ ad. Aug. 28, 1912
- North base of Endoto Mountain, B.E.A. (3 together)
South " " " Very abundant here
do
do
do
Er-rere Villages, B.E.A.
Er-re-re Villages, B.E.A.
Guaso Nyero River, 8 m. E. of Marsabit road crossing, B.E.A.
do
Lakiunda River, S. of the Guaso, B.E.A.
do [Skin here also skinned!]
do
Lower edge of Meru Forest, B.E.A.
Meru Swamp, Equator, B.E.A. all black.
Tana River, bat, camps 2 & 3. Dissipated; caught on ^{tree} thorns.
Meru Forest, B.E.A.
do
Frick's No. 127
Tana River, Camp No. 5, B.E.A.
" " 6, " } Hanging close together, ^{near} a thorn, ^{conspicuously} caught
" " 6, " } others.
" " 6
Tana River opposite mouth of Thika River, B.E.A.
do
Boulder Hill, Thika River, B.E.A.

- 7647
365 Bat, long-eared, gray. ♀ ad. Aug. 28, 1912. Thika River at Borelder Hill, Itunga Hills, B.E.A.
- 7648
366. Dassie ♂ ad. do Big Band Hill (Camp 3 on Thika), Thika River, B.E.A.
- 7649
367. " ♀ ad. do
- 7650
368. Tree Squirrel ♀ ad. Sept. 6, 1912. Escarpment, B.E. Africa. alt. 7390 feet
- 7651
369. do ♀ ad. " 9, " do



Shotgun Ammunition

No. 1 — 150

" 4 — 250

" 8 — 425

" 10 — 1300

Total 2125

00 Buck 150

888 150

Total 300

Chaffa. June 25, 1912. The sun set, on a level plain, at 6:46.

Malele, B.E.A. July 27, 1912 — Two species of Crow (Horn-tailed Raven + *C. edithae*) are very abundant on the river here, perching in great flocks in the branching palms.

Aug. 12, 1912. Shot 2 ♂ *Ptychocheilus*. First & bill red.

Division of Birds

E. F. found the "Whip-nut" *Crotophaga sulcirostris* 3. 7. 1912. with the morning 3. 7. 1912.

1. Crocodile. White Lake Abaya, Abyssinia.
March 22, 1912. One hind foot (left, salted)
preserved; also 2 largest hind claws of R. foot.
Length, 14.67 feet. Greatest diameter, 23.5 in.

Arrived in Djibouti Nov. 22, 1912

No. 666. Yellow & Gray Bat ♀ ad. Gato River near
Gardula, Abyssinia May 4, 1912

No. 888. Dick-Dick. Same locality, April 5, 1912
Skull, skull & leg-bones.

No. 999. Felis ♂ ad. Gato R. near Gardula. May 9.
Head & body 24 inches, tail vert. 14,
hind foot 6; nose to ear 4.75.
ear crown, 2.8; ear notch, 2.6.
Iris yellow. Weight 9 lbs approx.

No. 1010. Yellow & gray Bat ♂ do loc. + date } mated
" 1011 do ♀ do }

No. 1000. ♂ ad. very large Dick-Dick. Gato River
near Gardula (4000 ft), Abyssinia. Horn 3.4.
May 11, 1912. Skin (salted) skull & leg bone (dry).

The Tanga River-mouth crossed at its junction
with the Tana River. Aug. 15, 1912

Sit Birds' nests and Eggs.

No. Gato River, near Gardula, May 1, 1912:—

- 1 Medium-sized Black-headed Yellow War. 4 eggs + nest
- 2 do do
- 3 Same locality, ^{do} (see skins) 3 eggs + nest
- 4 do do
- 5 White eggs. nest + 3 eggs + nest
Same locality. April 28, 1912
- 6 ^{Mythimantornis} One odd blue, freckled brown, small egg. No nest.
This was brought in by a boy. I have several sets of this species. Same locality & date, as No. 5.
- 7 Nest of Nectarinia? A boy brought me this nest with 7 eggs of 3 species. The two eggs that he said were in the nest when found are still packed in it, in a paper cartridge box. Sets Nos 8 (2 eggs) and 9 (3 eggs) were also in the nest, when it was handed to me by the Galla Boy.
Gato River, ^{near} Gardula, May 1, 1912 { See nest with 6 eggs in bottom
- 8 2 dull blue, lilac spotted eggs in above nest
- 9 ²⁻¹⁻² Small white eggs (2) do
- 10 Same locality, April 29, 1912. 4 larger blue eggs spotted with brown, brought me in Weaver's nest
- 11 Same locality, Apr. 29. 3 smaller blue eggs, freckled all over with reddish brown. Brought me in a Weaver's nest. Eggs of medium sized black faced Yellow War.

12. Nest + 3 eggs, plain white, 19×13.5 ; 19×13 ;
 19×13.1 . Eggs much incubated, all broken in attempted ^{blowing} ~~blowing~~
Smallest Black-faced Yellow Weavers.

Gato River, near Gardula, Abyssinia, May 4, 1912.

13. Nest + 2 eggs of medium sized Black-faced
Yellow Weavers. Gato River, May 4, 1912.

I took this nest myself. Identification positive.

14. Nest + 3 eggs same as No. 12. Plain white, meas-
uring 19×13.5 ; 19.5×14 ; 19×13.4 . Same locality
May 4, 1912. Smallest Black-faced Yellow Weavers.

15. Pair of nests, together. ♀ Smallest Black-faced Yellow
Weaver shot beside these nests. Gato River near
Gardula, May 4, 1912. There were no eggs.

16. 3 Eggs. No nest. Brought me by a Galla boy at
Gato River near Gardula, Abyssinia, May 4, 1912
Eggs white, speckled with reddish brown. Species?

17. Red-checked Common-bell. Nest and 6 eggs. Gato
River near Gardula, Abyssinia, May 1, 1912. Eggs
speckled in wooden box. Nest in cartridge box.

18. Three ^{plain} ~~one~~ eggs. Turdus? Gato River, etc, May 1,
1912. Brought by Galla boy, in what appeared
to be a nest lining composed mostly of coarse
stems of grass.

19. Nest + 2 eggs (plain white) of Dove (short-tailed African)
One egg smashed. Brought me by Galla boy.

20. Meropis ^{collected} ~~plumbeus~~, larger of the two species here.
 Nest cavity, 6 inches in diameter, at end of
 a tunnel $2\frac{1}{2}$ feet in bluff bank, near bottom,
 contained a tea-saucerful of wings of beetles
 and other insects. An old egg, ^{apparently} originally
 plain white, nearly equally rounded at both
 ends had been punctured & contents removed
 by insects. Measurements: 24×19.5 . An old bird
 flew out when the tunnel had been dug out to
 within a foot of the nest cavity. Gato River
 near Gardula, Abyssinia, May 6, 1912

21. Hyphantornis (middle sized species). Female parent
 (marked "H")
 was shot beside an unfinished nest. Another nest
 on the same small tree contained white eggs
 spotted with reddish brown. This one egg, taken
 from the oviduct of the parent, has a blue
^{nest not taken} ground color. Gato River, near Gardula, May 6, 1912.

22. Hyphantornis. Female parent,
 (marked "I")
 was shot inside of nest. Nest con-
 tained 2 eggs with blue ground color. One egg
 was smashed by shot. Nest + 1 egg preserved.

23. Hyphantornis. Nest + 3 eggs, ground
 color white spotted with reddish brown. In a
 tree beside the one in which No. 22 was.

24. Hyphantornis. Nest + 2 eggs, ground
 color blue, small, spots very distinct in a
 small tree beside the one in which No. 22 was. All
 on the Gato River May 6, 1912

25. Nest only Hyphantornis. Two eggs, white, spotted with reddish brown were broken by shot. Female killed inside of nest (see specimen label), May 6, 1912. Gato River, Abyssinia
26. 1 dark-colored egg, given me by Dr. D. G. Rafferty, who found it in a rather large, hanging nest, near the Gidabo River, same place and date as my Jacana specimens (see labels on them for date).
27. Set of 3 eggs of Long-tailed Flycatcher. Tail of one parent preserved. A male white-tailed bird was seen in the same tree as the nest Gato River at 4,500 feet, near Gardula, Abyssinia, April 13, 1912 Nest preserved.
28. Nest + 3 young (in alcohol) of Long-tailed Flycatcher. See label attached to nest. Gato River near Gardula, April 13, 1912.
29. Cosypha? Nest and 2 eggs (fresh) of Orange-breasted Thrush. Taken with parent (see label for date) at 4,000 feet, Gato River near Gardula, Nest in cartridge box, eggs in wooden box.
30. Long-crested Turaco. Broken shells of 2 eggs, embryos in alcohol, + skin of ♀ parent. Gato River near Gardula, Abyssinia April 18, 1912 Altitude 4,000 feet

From date 4000 ft. - (A) (April 21, 1912)

31. Brunnera Hawk. 1 egg taken from the
vicinity of bird shot. Labelled & shipped
with following 2 sets in "Adis" box
32. do Set of 2 eggs "B" do
33. do 3 "C" do
Only 2 eggs sent in "Adis" box
34. Telephonus. Brown winged Bush-Shrike.
Nest and 3 eggs. Parent seen sitting on nest
and ♀ parent shot as she flew from it. See
skin label for date. Gato River near Gardula.
Dissection showed that the last egg had
been laid
35. Shrike, long-tailed, chestnut patch on side of ♀.
Nest a loose affair of sticks ^{containing 2 eggs}. One egg, piped,
with young ready to hatch, preserved without
blowing. Embryo ^(male chick) half of other egg-shell preserved.
♀ Parent sat very closely. Both parents shot
(See skin for date) Gato River near Gardula.
Eggs of dark brown on one end and mostly forming a circle near that end.
Egg measured 25x18.5. Ground olive-buff, with rounded spots and
underlying spots pale.
36. Passer. Nest + 6 eggs. Parent preserved (April - see
skin of parent for date) Gato River, near Gardula.
37. Passer. Nest + 4 eggs. Same data as above, ^{parents} not taken
38. Hyphantornis 3 Smaller 4 species of Black-faced
Weaver. Nest, 2 eggs, and both parents
Gato River near Gardula, Abyssinia.
May 9, 1912. A larger Hyphantornis had started
a nest on the same tree, & as with this nest.

39. Ureignthus bangala. Red-checked Cordon-bleu
Nest and Eggs. Gato River, etc. Apr. 19, 1912
40. ——— 4 " Set of 4 eggs do Apr. 19, 1912
41. ——— 3 " " 3 " do " 21, 1912
- 42 Nest and 3 eggs. Red-checked C-b do " 29, 1912
- 43 " " 3 " do do " 29, 1912
- 44 Set of 2 " do do " 24, 1912
- 45 " " 5 " do do " 23, 1912
- 46 " " 5 " do do May 4, 1912
- 47 Odd eggs 7 " do do April 19-30, 1912
48. Hyphantornis, medianus. Gato River, etc April 20, 1912
Ground color white, spots very dark, 4 eggs.
49. do ground blue " 3 "
50. do " white, spots fine + thick 3 "
- 51 do " blue, do 4 "
- 52 do " " , egg large thick, spotted. 1 egg
53. Neolarinia. Nest, one egg imbedded, at bottom,
Compare this egg with Sets 7 and 8. The common
species (are many skins.) here. Nest taken May 7,
1912. Gato River near Gardula, Abyssinia, 4000 ft.
54. Turdus pelios ? Set of 3 plain blue eggs.
Gato River near Gardula, April 23, 1912
55. 2 Eggs, plain white, somewhat soiled, measuring
29 x 24.5 and .30 x 25. Gato River near Gardula,
Abyssinia, May 1, 1912.

56. Three (3) eggs, supposed to be those of the Abyssinian form of Francolinus grayii. Gato River near Gardula, Abyssinia, May 3, 1912. Eggs soiled white, unspotted, measuring 40×29 ; 40×30 ; 40×29.5 . Shells enormously thick and hard.

May 11, 1912. Gato River near Gardula, Abyssinia, —

The following sets of nests & eggs were taken:
57. Set of 5 eggs of Spur-Howl.

58. Nectarinia Nest, 2 eggs & ♀ parent.
One egg fresh, the other cracked and dissipated. Nest attached to the extremity of lowest branch of a tree, growing in an open place near a forest, with a fine specimen of the giant euphorbia beside it. Female parent came to nest, male not seen.

59. Lead-colored Bush-Shrike. Nest, 2 eggs & both parents taken. Nest found May 8, contained 1 egg, on May 11, 2 eggs, fresh. Nest placed on horizontal lower limb of large tree growing in the middle of a thicket of bushes and vines. The nest was partly supported by twigs, but there were no coarse sticks forming a base to the nest, it being complete as preserved. Both parents came to nest and uttered cat-like cries & hissing sounds.

(black-chinned)
Sets (field numbers) of greater bishop-bird were
as follows: No. 1, 3 eggs; 4, 2 eggs; 5, 2 eggs;
6, 3 eggs; 7, 2 eggs. All were more or less incubated.
All complete sets. Sets 1 and 4 were blown.

Sets (field numbers) of lesser (red-chinned) bishop-
bird were as follows: No. 2, 2 eggs; 3,
4 eggs; 8, 3 eggs; 9, 3 eggs. All were
complete sets, and all more or less incubated.
Sets 2 + 3 (field numbers) were blown & preserved.

- Five nests of the Greater (black-chinned) red
Bishop-bird and four nests of the Lesser
(red-chinned) Bishop-bird were found in
a sparse growth of small trees, at the border
of a forest, in heavy grass. All of the nests
were in the tallest grass, near the tops. I
gave each nest, + eggs, + parents field numbers
(1-9). These numbers are with the nests and
on back of labels of parents, so I give them
in parenthesis here, following the regular.
All of these eggs were more or less incubated
and I only succeeded in blowing two sets
of each species, the others containing large embryos.
See skin labels for date.
- 60 (field No. 1). Nest, 3 eggs, and ♀ parent. Greater
Bishop-bird. Eggs considerably incubated. Blown.
61. (No. 4). Greater Red Bishop-Bird. Nest, 2 eggs and
both parents (killed same shot) preserved. Eggs
blown.
62. (No. 5). do Nest, 2 eggs. Eggs
plain blue, without black dots.
contained large embryos. Put to macerate. 18.5 x 13; 18 x 13.₂
- 63 (No. 6) do Nest, 3 eggs.
Eggs contained large embryos. Put to macerate. Blue
dotted all over but more at great extremity with black. Meas.:
18 x 15, 17.5 x 14.8; 17.7 x 14.8.
64. (No. 7) do Nest + 2 eggs
Eggs contained large embryos. Put to macerate.
Light greenish blue, very sparsely dotted with black.
18.5 x 14; 18 x 14.2.

65 (field no., 2). Lesser (red-chinned) Bishop-Bird.
Nest and 2 eggs, with both parents, preserved.
Eggs: slightly incubated, but blown.

66. (no. 3). do
Nest, 4 eggs, and female parent preserved.
Eggs slightly incubated, but blown.

67 (no. 8). (Large embryos) do (eggs put to macerate)
Nest, 3 eggs, plain deep blue (no black dots).
17.5 x 13; 16.7 x 13.2; 16.5 x 13.

68 (no. 9). (Contained embryos) do (put to macerate)
Nest, 3 eggs, plain deep blue (no black dots),
rather elongate 17 x 13; 16.5 x 13.2; 16.6 x 13.2.

69. *Singnathus bengala*. Red-chested Parrot-flew.
Auto River near Gardula (4000 feet), Abyssinia.
May 12, 1912. Set of 5 immaculate white eggs,
containing large embryos - 3 broken in blowing.


70. *Numida*. Set of 14 eggs,
measuring; 53 x 41; 52.5 x 40; 54.5 x 42;
53 x 42; 52 x 43; 54 x 41; 54 x 42; 53 x 42;
51 x 41.5; 52.5 x 41.5; 53 x 41; 53.5 x 42.5; 51 x 40;
52.5 x 40. This is the largest clutch I have
seen. The eggs are large, rather pale and
not much pigmented; contained large
embryos. I drilled them all, in two
places each, and placed them at the foot
of a tree hoping that ants would clean them.

Isato River (4000 ft.) May 13, 1912

74. Red-cheeked Cordon-blue. Nest and 4 fresh ^(eggs large, + rounded) eggs. I watched the birds building the nest in a dense, thorny bush, in a grassy opening. The nest was 4 feet above the ground. The parents were often seen entering it or leaving. This is a typical nest + nesting site. [On May 13 I found 1 egg in a new, but unused nest of the medium Hyphantornis. The parent flew out. On May 13, I also found another set of 5 incubated ^{of Cordon-blue} eggs in a Hyphantornis nest. On May 14, I took 6 incubated eggs of the Cordon-blue in a nest of the Least Hyphantornis + shot the Cordon-blue beside the nest. This makes three cases, in 2 days' collecting, of the Cordon-blue occupying weaver birds' nests. In each case some of the fine grass used by the Cordon-blue in building its own nest had been added as a lining to the weaver bird's nest.]

75. Least Hyphantornis . 1 broken, desiccated

egg, measuring 18X13 mm. Nothing preserved.

Nest 3 meters above the ground at end of lower branch of a thorn-tree. Usual style . Isato

River. May 13 [On May 14 Dr. D. R. Raftery took me to see a nest of this species. It was just finished, no eggs, both birds present.]

Note. - The long, white-tailed Flycatcher is one of the shyest birds; but when the old male Papies himself alone & secure, he boasts in loud cries of Pee-wee-wee often repeated. Its alarm note is a chirp; and it also ^{whistles} utters a soft, round, single note, probably a call to the female.

76. Nectarina _____ . Nest and 1 egg. The nest contained but one egg, considerably incubated. More heavily and generally marked (all over) than set 73. Nest at end of a ^{6 feet above ground} thorny vine, in a small thicket at edge of an opening, and at the side of a ravine, Gato River May 13.

[Note. - Three eggs ready to hatch were found in a nest of the medium-sized Hyphantornis Ground-colored, white evenly, dashed with reddish.]

77. Telophorus _____ . Nest, 2 eggs + ♂ parent. Nest found May 11, with 2 eggs. Taken May 13, still 2 eggs, ^{slightly incubated} Gato R near Gardula. Nest in a leafy bush near a small thicket in open grassy country, 2 feet above ground.

[I saw another nest, May 9, with 2 fresh eggs, in thorny Solanaceous shrub, 3 feet above the ground. Next time seen the nest had been torn from the bush & eggs disappeared.]

78. Red-checked Cordon-bleu. Nest + 1 egg. The nest is a new but abandoned middle-sized species of Hyphantornis, lined, by the Cordon-bleu, with fine grass. Parent Cordon-bleu flew out. 1 fresh egg Gato River near Gardula, 4000 ft. Abyssinia May 13, 1912.

79. Hyphantornis, middle-sized. Nest only, Gato River near Gardula, 4000 ft. Abyssinia May 13, 1912

80 to 83. Hyphantornis, middle sized species.
Four well-constructed nests, Taken May 1, 1912, Gato River, 4000 feet, near Gardula, Abyssinia.

84. Numida _____ Set of 10 eggs
✓ Gato R., etc. May 1, 1912. Slightly incubated. Complete set.

85. Francolinus grantii. 3 eggs (set).
✓ Gato R., etc. April 29, 1912.

86. Numida _____ Set of 7 fresh
✓ eggs. Bird probably not through laying.
Gato R., etc. April 25, 1912.

87. Passer? Nest (probably of a different bird) and 4 eggs, brought me by a Galla. Eggs considerably incubated. I have seen several of these softly-lined nests, but do not know what species they belonged to. Gato River, etc. May 15, 1912.

88. Passer? Three eggs, fresh, same species as above (No. 87), also brought in by a Galla native, without nest. Gato River, 4000 feet, May 15, 1912.

89 Two rounded, plain white eggs brought me by a Galla, at Gato R., etc. April 22, 1912.

90. Numida Set of 2 eggs
Gato River near Gardula, 4000 feet, Abyssinia
✓ May 1, 1912. Eggs darkly colored.

91. Numida Nine eggs,
✓ brought me by a Galla, May 6, 1912.
Same locality. Probably not all laid by then.

92. Numida Set of 8 eggs
✓ Same locality. May 3, 1912.

93. Numida Set of 6 eggs
✓ Same locality. April 21, 1912.

94. Spurfowl Set of 7 eggs
✓ Same locality. April 24, 1912.

95. Spurfowl Set of 4 eggs
✓ Same locality. May 7, 1912.

96. Spurfowl Set of 4 eggs.
✓ Same locality. May 11, 1912.

97. Francolinus grantii Set of 3 eggs
✓ Same locality. May 12, 1912.

98. Telephonus, small May 26, 1912

On May 18th the nest contained 1 egg; on
" " 21 " " 3 eggs. Nest

visited on May 22, 23, 24, 25, + 26. It was
not until the last date (May 26) that I was
able to shoot the parents, but, on going to the
nest, only a single egg was in it, the other
2 being smashed under the bush. Nest
3 feet above ground in a bush in heavy

98. ^{small species} *Telephonus*. Egg differs from the larger species (set 100) in having the spots less reddish brown, more smeary or less sharply defined, and in having many purplish or lilac brown. Egg cracked & broken in blowing, fragments preserved. Distribution of spots similar to set No. 100, being scattered over the entire egg, most sparse at the little end and mostly aggregated in a circle ^{close} next to the great end. In both species the ground color is buffy white, pinkish before blown.

(98) grass. Parents exceedingly shy. The nest contained 3 eggs on May 21, 22, 23, 24, + 25. The nest, as preserved, is entire, there being no coarse outer structure. I was set down between 4 rather stout branches, to which it was firmly attached by spider webs. Both parents preserved. Eggs: 23.8 X 18.1.

99. ^{Species unincubated} Small nest, like Vireo's, ^{meters} 2 ^{the} feet above ground, in a deep narrow canyon. Bodessa. June 1, 1912. Eggs measure 23.5 X 18; 23.6 X 18.1.

100. *Telephonus* (large species). Nest and 2 eggs. Male parent seen to fly from nest, and shot in a tree without losing sight of it for an instant. Identification positive (see skin). In a small, spreading tree, 2 meters above the ground. Bodessa, Abyssinia, May 31, 1912.

101. Black-faced red Weaver. Nest, fragments of eggs, and ♂ parent. This nest was found + ♀ parent seen to enter it on May 20(?), when the ♂ parent was collected. I visited the nest several times before May 26, when the eggs, plain blue, were found smashed beneath it. The ♀ was seen each time but the last. I think 2 sets of plain blue eggs brought me at Gato were this species, as I saw

(Red Weaver - Concluded)
 the same kind of nests beside the Gato R.
 + in a canyon near it, where I shot a
 male specimen of this bird. I
 thought these 2 sets of eggs brought me
 by Gallas were possibly *Turdus*
 but now I think they were this species.
 It is not certain that the red weavers
 built this nest, as weavers sometimes
 occupy nests built by other species.
 These nests are quite numerous
 at Boddessa. On May 26, I saw
 one nest beside a stream. Beneath
 were the abundant droppings of the
 young, which had left the nest. I
 saw young red weavers awing there.
 The present nest was attached to
 a sapling 25 feet above ground in
 a deep canyon beside a ^{small} running
 stream; but I have seen many
 similar nests attached to the tips of
 the lowest branches of thorn trees
 growing on high ridges.

Red Weavers are rather common
 at Boddessa. I have seen them
 29 on high grassy ridges, but
 usually in valleys where there was water

102. *Francolinus grantii*. 2 Dried Eggs
 found under the tree where I pitched my
 tent on the Sagon River, Abyssinia,
 June 3, 1912.

103 *Pterocles* 2-banded. Set of 3 eggs. ♀
 flushed from nest, a slight cavity in loam
 soil in scant vinery weed growth on a
 low ridge of plain bordering the Ballal
 River at upper Bhaffa village, June 25, 1912.
 No nesting materials whatever. Eggs
 contained large chicks. ^{Eggs equally round flat at the}
^{two ends ground color pale}
^{olive, thickly + quite evenly blotched or mottled with olive-}
^{brown (superficial) and purplish gray underlying markings.}

104 *Pterocles* 4-banded. Set of 2 eggs, nearly
 fresh, one egg badly cracked.
 18 m. SW. of Hor, B. A. (R. Ragbary) July 2, 1912. Ground
 color clay color, quite evenly spotted all over
 with reddish brown (superficial) and purplish
 gray (underlying). Largest spots 2 mm, smallest
 mere dots.